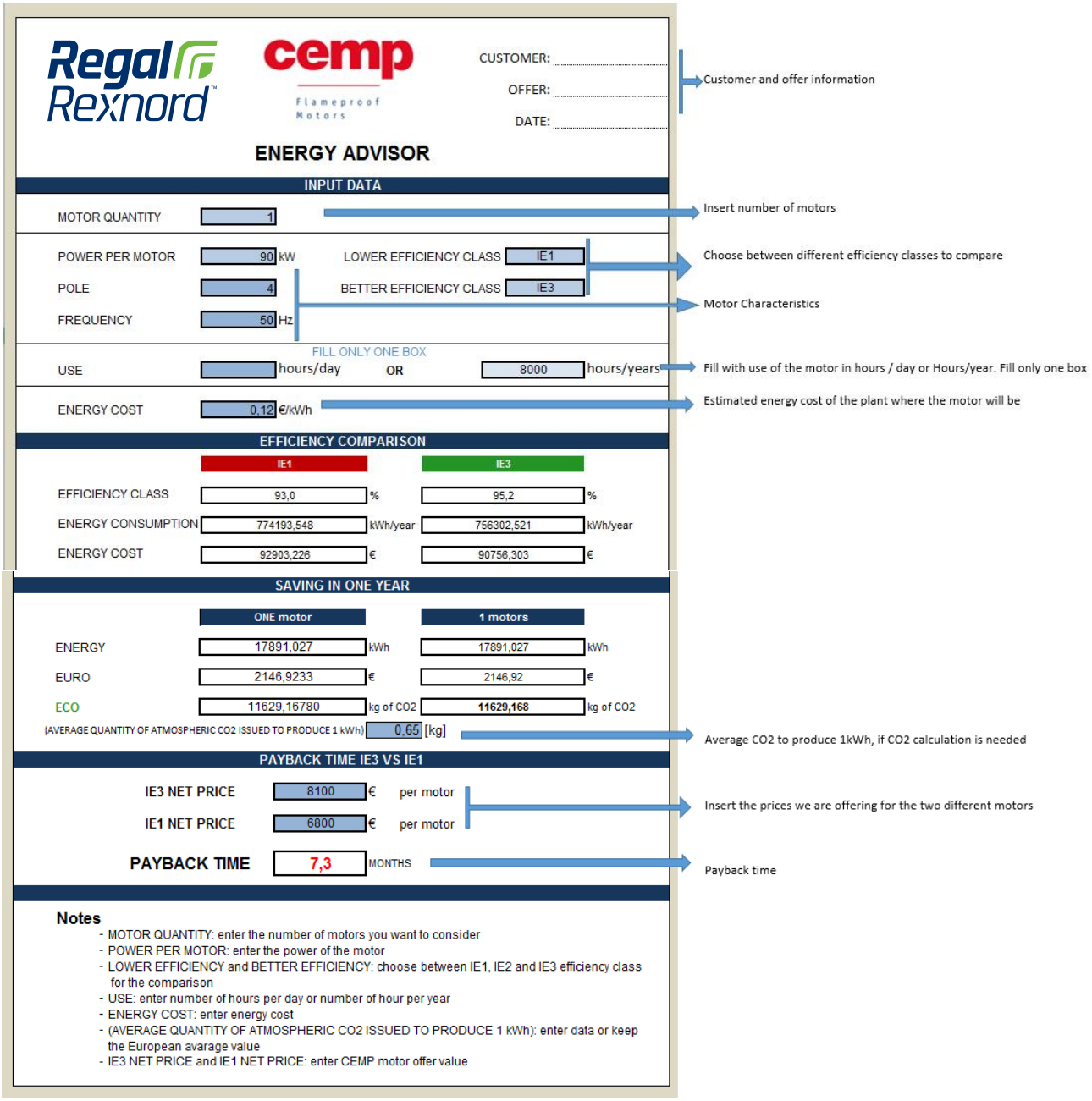
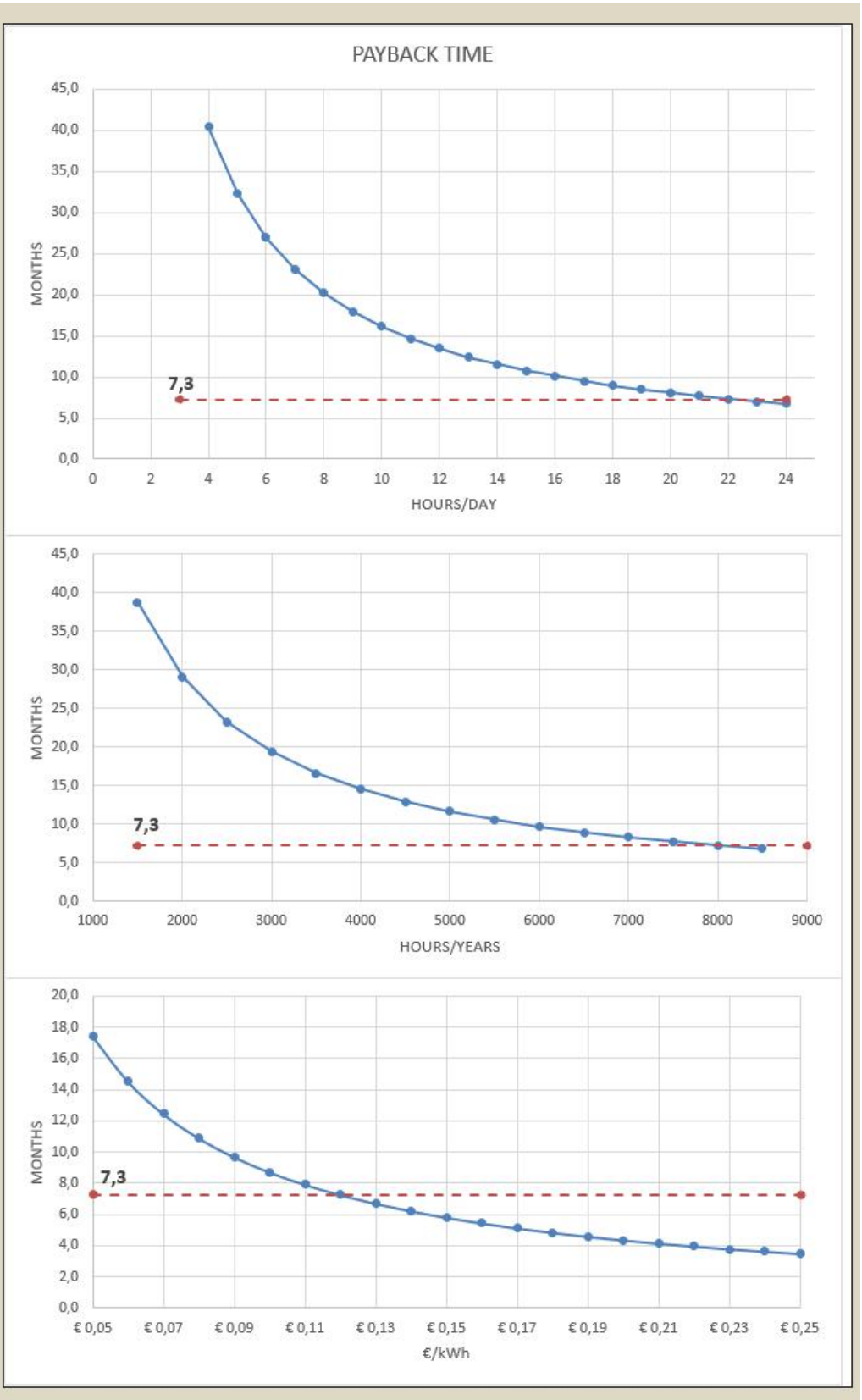

CUSTOMER:
OFFER:
DATE:
Customer and offer information
ENERGY ADVISOR
INPUT DATA
MOTOR QUANTITY
1
Insert number of motors
POWER PER MOTOR
90 kW
LOWER EFFICIENCY CLASS
IE1
Choose between different efficiency classes to compare
POLE
4
BETTER EFFICIENCY CLASS
IE3
FREQUENCY
50 Hz
Motor Characteristics
FILL ONLY ONE BOX
USE
hours/day
OR
8000
hours/years
Fill with use of the motor in hours / day or Hours/year. Fill only one box
ENERGY COST
0,12 €/kWh
Estimated energy cost of the plant where the motor will be
EFFICIENCY COMPARISON
IE1
IE3
EFFICIENCY CLASS
93,0
%
95,2
%
ENERGY CONSUMPTION
774193,548
kWh/year
756302,521
kWh/year
ENERGY COST
92903,226
€
90756,303
€
SAVING IN ONE YEAR
ONE motor
1 motors
ENERGY
17891,027
kWh
17891,027
kWh
EURO
2146,9233
€
2146,92
€
ECO
11629,16780
kg of CO2
11629,168
kg of CO2
(AVERAGE QUANTITY OF ATMOSPHERIC CO2 ISSUED TO PRODUCE 1 kWh)
0,65
[kg]
Average CO2 to produce 1kWh, if CO2 calculation is needed
PAYBACK TIME IE3 VS IE1
IE3 NET PRICE
8100
€
per motor
IE1 NET PRICE
6800
€
per motor
Insert the prices we are offering for the two different motors
PAYBACK TIME
7,3
MONTHS
Payback time
Notes
- MOTOR QUANTITY: enter the number of motors you want to consider
- POWER PER MOTOR: enter the power of the motor
- LOWER EFFICIENCY and BETTER EFFICIENCY: choose between IE1, IE2 and IE3 efficiency class for the comparison
- USE: enter number of hours per day or number of hour per year
- ENERGY COST: enter energy cost
- (AVERAGE QUANTITY OF ATMOSPHERIC CO2 ISSUED TO PRODUCE 1 kWh): enter data or keep the European avarage value
- IE3 NET PRICE and IE1 NET PRICE: enter CEMP motor offer value


PAYBACK TIME
MONTHS
HOURS/DAY
7,3
MONTHS
HOURS/YEARS
7,3
MONTHS
€/kWh
7,3